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PATENT ABSTRACTS OF JAPAN

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(21)Application number: 2000-275151 (71)Applicant: ASAHI GLASS CO LTD

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(54) ON-GLASS ANTENNA FOR AUTOMOBILES

(57)Abstract:

PROBLEM TO BE SOLVED: To properly receive signals in the AM, FM, UHF and VHF broadcast bands in any direction.

SOLUTION: A defogger is used as an antenna for receiving signals in the AM broadcast bands and the FM broadcast bands to the VHF and UHF broadcast bands. An antenna pattern, having conductor wires 17 of a length equal to a quarter wavelength near a high-frequency band of the VHF broadcasting, is disposed on a prescribed blank of the defogger, thereby forming a plurality of diversity antennas for the VHF and UHF broadcasting bands. An antenna pattern, having conductor wires 24 of a length equal to a quarter wavelength near a high-frequency band of the FM broadcasting to the VHF broadcasting, is used as other diversity receiving antennas in the FM broadcast bands.

